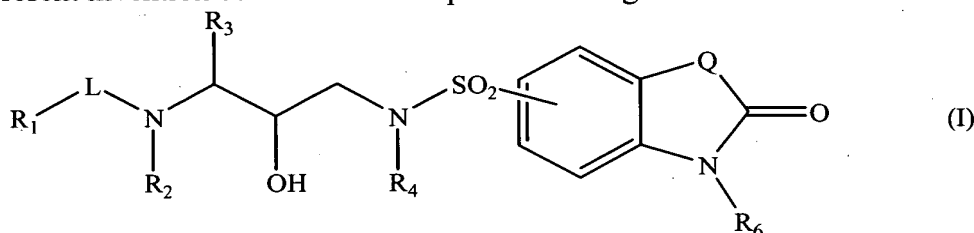


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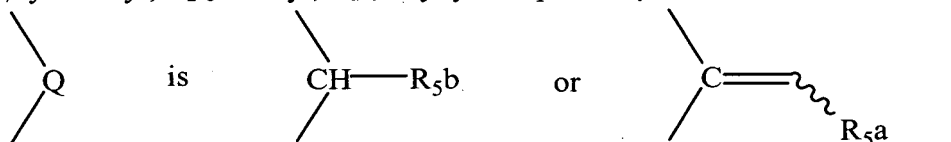
## ABSTRACT

BROADSPECTRUM SUBSTITUTED OXINDOLE SULFONAMIDE HIV  
PROTEASE INHIBITORS

The present invention concerns the compounds having the formula



*N*-oxides, salts, stereoisomeric forms, racemic mixtures, prodrugs, esters and metabolites thereof, wherein  $R_1$  and  $R_8$  each are H, optionally substituted  $C_{1-6}$ alkyl,  $C_{2-6}$ alkenyl,  $C_{3-7}$ cycloalkyl, aryl, Het<sup>1</sup>, Het<sup>2</sup>;  $R_1$  may also be a radical of formula  $(R_{11a}R_{11b})NC(R_{10a}R_{10b})CR_9-$ ;  $t$  is 0, 1 or 2;  $R_2$  is H or  $C_{1-6}$ alkyl;  $L$  is -C(=O)-, -O-C(=O)-, -NR<sub>8</sub>-C(=O)-, -O-C<sub>1-6</sub>alkanediyl-C(=O)-, -NR<sub>8</sub>-C<sub>1-6</sub>alkanediyl-C(=O)-, -S(=O)<sub>2</sub>-, -O-S(=O)<sub>2</sub>-, -NR<sub>8</sub>-S(=O)<sub>2</sub>;  $R_3$  is  $C_{1-6}$ alkyl, aryl,  $C_{3-7}$ cycloalkyl,  $C_{3-7}$ cycloalkyl $C_{1-4}$ alkyl, or aryl $C_{1-4}$ alkyl;  $R_4$  is H,  $C_{1-4}$ alkylOC(=O), carboxyl, aminoC(=O), mono- or di( $C_{1-4}$ alkyl)aminoC(=O),  $C_{3-7}$ cycloalkyl,  $C_{2-6}$ alkenyl,  $C_{2-6}$ alkynyl or optionally substituted  $C_{1-6}$ alkyl;



$R_{5a}$  and  $R_{5b}$  is  $C_{2-6}$ alkenyl,  $C_{2-6}$ alkynyl,  $C_{3-7}$ cycloalkyl or  $C_{1-6}$ alkyl, optionally substituted on one or more atoms;  $R_{5a}$  and  $R_{5b}$  may also be hydrogen, aryl, Het<sup>1</sup>, Het<sup>2</sup>;  $R_6$  is hydrogen or  $C_{1-6}$ alkyl optionally substituted on one or more carbon atoms. It further relates to their use as broad-spectrum HIV protease inhibitors, processes for their preparation as well as pharmaceutical compositions and diagnostic kits comprising them. It also concerns combinations thereof with another anti-retroviral agent, and to their use in assays as reference compounds or as reagents.